Freshwater Stream Neches-Trinity Coastal Basin Total size: 14 Miles Status of Use # of # of Assessment Location Year **Assessment Method Support or Concern** Location size samples exceedances Mean **Aquatic Life Use** 2002 Dissolved Oxygen grab average Use Concern From confluence with Bayou Din to upper end of 8 4 35 segment 2002 Dissolved Oxygen grab average Use Concern From confluence with Taylor Bayou to confluence 6 14 4 with Bayou Din 2002 Dissolved Oxygen grab minimum From confluence with Bayou Din to upper end of **Fully Supporting** 2 8 35 segment 2002 **Fully Supporting** Dissolved Oxygen grab minimum From confluence with Taylor Bayou to confluence 6 0 14 with Bayou Din 2002 Dissolved Oxygen 24hr average From confluence with Bayou Din to upper end of 0 No Concern-Limited 8 4 Data segment 2002 Dissolved Oxygen 24hr average Use Concern-Limited From confluence with Taylor Bayou to confluence 6 4 Data with Bayou Din 2002 Dissolved Oxygen 24hr minimum No Concern-Limited 0 From confluence with Bayou Din to upper end of 8 4 Data segment 2002 Dissolved Oxygen 24hr minimum Use Concern-Limited 2 From confluence with Taylor Bayou to confluence 4 6 Data with Bayou Din 2002 Acute Metals in water Metals From confluence with Bayou Din to upper end of 0 No Concern-Limited 8 4 Data segment 2002 Chronic Metals in water Metals No Concern-Limited From confluence with Bayou Din to upper end of 8 4 Data segment 2002 Overall Aquatic Life Use Fully Supporting From confluence with Bayou Din to upper end of 8 segment 2002 From confluence with Taylor Bayou to confluence Overall Aquatic Life Use Fully Supporting 6 with Bayou Din

Freshwater Stream Neches-Trinity Coastal Basin Total size: 14 Miles Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size **Contact Recreation Use** 2002 E. coli single sample Not Assessed From confluence with Bayou Din to upper end of 8 0 segment 2002 E. coli single sample From confluence with Taylor Bayou to confluence 0 Not Assessed 6 with Bayou Din 2002 E. coli geometric mean Not Assessed From confluence with Bayou Din to upper end of 8 0 segment 2002 E. coli geometric mean Not Assessed From confluence with Taylor Bayou to confluence 0 6 with Bayou Din 2002 3 Fecal coliform single sample Fully Supporting From confluence with Bayou Din to upper end of 8 25 segment 2002 Fecal coliform single sample 2 Fully Supporting From confluence with Taylor Bayou to confluence 6 13 with Bayou Din 2002 19 Fecal coliform geometric mean Fully Supporting From confluence with Bayou Din to upper end of 8 25 segment 2002 41 Fecal coliform geometric mean Fully Supporting From confluence with Taylor Bayou to confluence 6 13 with Bayou Din 2002 Overall Recreation Use **Fully Supporting** From confluence with Bayou Din to upper end of 8 segment 2002 Overall Recreation Use **Fully Supporting** From confluence with Taylor Bayou to confluence 6 with Bayou Din General Use 2002 Water Temperature **Fully Supporting** From confluence with Bayou Din to upper end of 0 8 25 segment 2002 0 Water Temperature Fully Supporting From confluence with Taylor Bayou to confluence 6 14 with Bayou Din 2002 рН Fully Supporting 0 From confluence with Bayou Din to upper end of 8 25 segment

Freshwater Stream Neches-Trinity Coastal Basin Total size: 14 Miles Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances | Mean size **General Use** (continued) 2002 рН **Fully Supporting** 0 From confluence with Taylor Bayou to confluence 6 14 with Bayou Din 2002 Fully Supporting Chloride From confluence with Bayou Din to upper end of 8 178.5 40 segment 2002 From confluence with Taylor Bayou to confluence 178.5 Chloride Fully Supporting 6 40 with Bayou Din 2002 Sulfate **Fully Supporting** 52.3 From confluence with Bayou Din to upper end of 8 15 segment 2002 Sulfate Fully Supporting From confluence with Taylor Bayou to confluence 6 15 52.3 with Bayou Din 2002 Total Dissolved Solids **Fully Supporting** From confluence with Bayou Din to upper end of 8 532.32 40 segment 2002 **Fully Supporting** 532.32 Total Dissolved Solids From confluence with Taylor Bayou to confluence 6 40 with Bayou Din 2002 Overall General Use 8 Fully Supporting From confluence with Bayou Din to upper end of segment 2002 Overall General Use Fully Supporting From confluence with Taylor Bayou to confluence 6 with Bayou Din **Fish Consumption Use** 2002 Human Health Criteria Metals No Concern-Limited From confluence with Bayou Din to upper end of 8 4 Data segment 2002 Overall Fish Consumption Use From confluence with Bayou Din to upper end of Not Assessed 8 segment 2002 Overall Fish Consumption Use Not Assessed From confluence with Taylor Bayou to confluence 6 with Bayou Din

Freshwater Stream Neches-Trinity Coastal Basin Total size: 14 Miles Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances | Mean size **Overall Use Support** 2002 **Fully Supporting** From confluence with Bayou Din to upper end of 8 segment 2002 **Fully Supporting** From confluence with Taylor Bayou to confluence 6 with Bayou Din **Nutrient Enrichment Concern** 2002 Ammonia Nitrogen From confluence with Bayou Din to upper end of 13 Concern 8 25 segment 2002 Ammonia Nitrogen From confluence with Taylor Bayou to confluence 7 Concern 14 6 with Bayou Din Nitrite + Nitrate Nitrogen 2002 From confluence with Bayou Din to upper end of 0 No Concern 8 25 segment 2002 Nitrite + Nitrate Nitrogen From confluence with Taylor Bayou to confluence 0 No Concern 6 14 with Bayou Din 2002 Orthophosphorus 0 8 7 Not Assessed From confluence with Bayou Din to upper end of segment 2002 From confluence with Taylor Bayou to confluence 0 Orthophosphorus No Concern 6 14 with Bayou Din 2002 **Total Phosphorus** 7 0 Not Assessed From confluence with Bayou Din to upper end of 8 segment 2002 Total Phosphorus 0 From confluence with Taylor Bayou to confluence No Concern 6 14 with Bayou Din 2002 Overall Nutrient Enrichment From confluence with Bayou Din to upper end of 8 Concern Concerns segment 2002 Overall Nutrient Enrichment Concern From confluence with Taylor Bayou to confluence 6 Concerns with Bayou Din

Freshwater Stream		Neches-Trinity Coastal Basin Total s			14 Miles		
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mea
gal Growth	Concern						
2002	Chlorophyll a	Not Assessed	From confluence with Bayou Din to upper end of segment	8	0		
2002	Chlorophyll a	Concern	From confluence with Taylor Bayou to confluence with Bayou Din	6	14	6	
diment Con	taminants Concern						
2002	85% Metals in sediment Arsenic	Not Assessed	From confluence with Bayou Din to upper end of segment	8	4	3	
2002	85% Metals in sediment Arsenic	Not Assessed	From confluence with Taylor Bayou to confluence with Bayou Din	6	4	3	
2002	Metals in sediment Metals	Not Assessed	From confluence with Bayou Din to upper end of segment	8	4	0	
2002	Metals in sediment Metals	Not Assessed	From confluence with Taylor Bayou to confluence with Bayou Din	6	4	0	
2002	Overall Sediment Contaminant Concerns	Not Assessed	From confluence with Bayou Din to upper end of segment	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From confluence with Taylor Bayou to confluence with Bayou Din	6			
h Tissue C	ontaminants Concern						
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Bayou Din to upper end of segment	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Taylor Bayou to confluence with Bayou Din	6			
rrative Cri	teria Concern						•
2002	Overall Narrative Criteria Concerns	No Concern	From confluence with Bayou Din to upper end of segment	8			
2002	Overall Narrative Criteria Concerns	No Concern	From confluence with Taylor Bayou to confluence with Bayou Din	6			

Freshwater Stream Neches-Trinity Coastal Basin Total size: 14 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Second	lary Concern						
2002		Concern	From confluence with Bayou Din to upper end of segment	8			
2002		Concern	From confluence with Taylor Bayou to confluence with Bayou Din	6			